

1/17

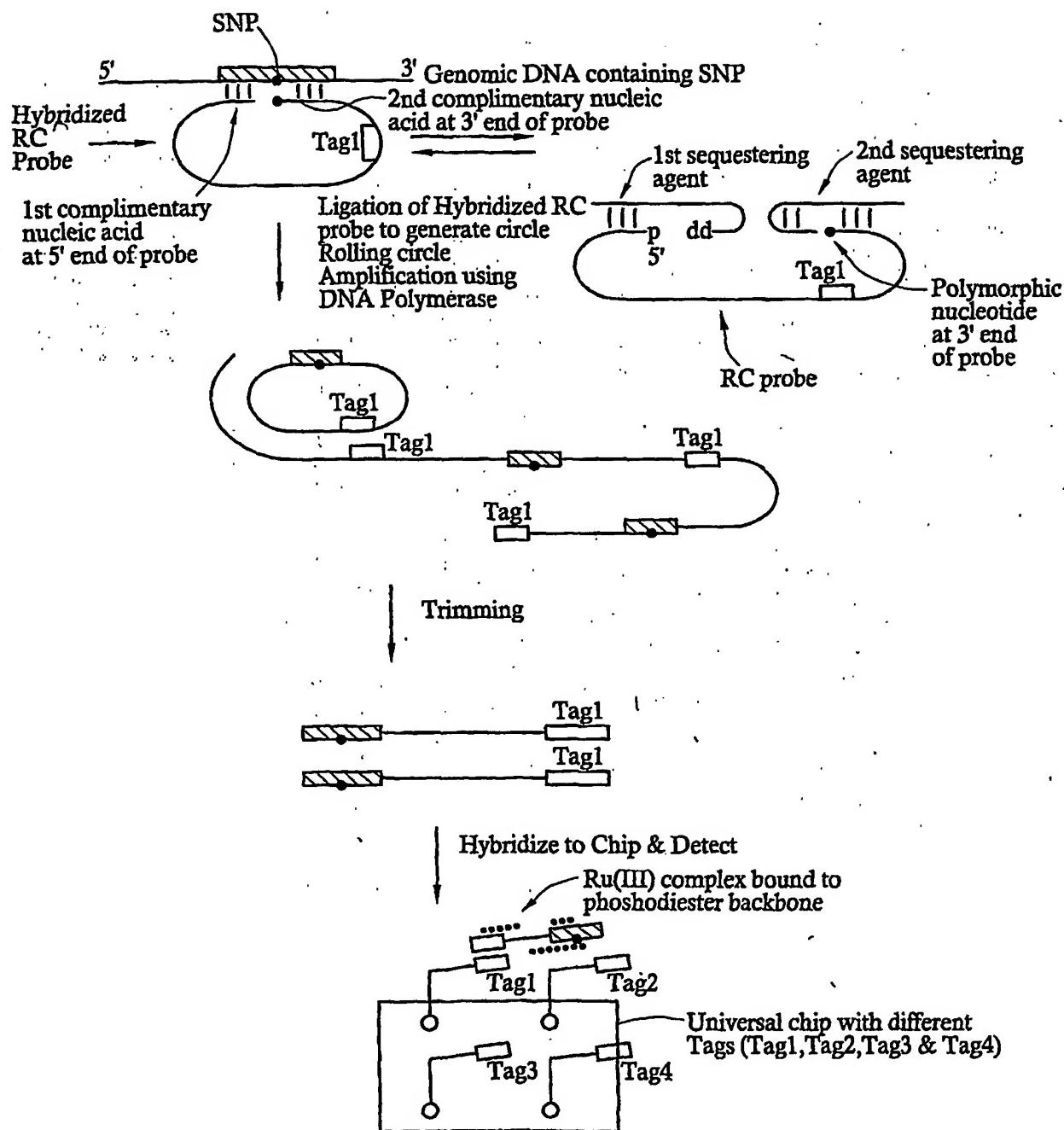


FIG. 1

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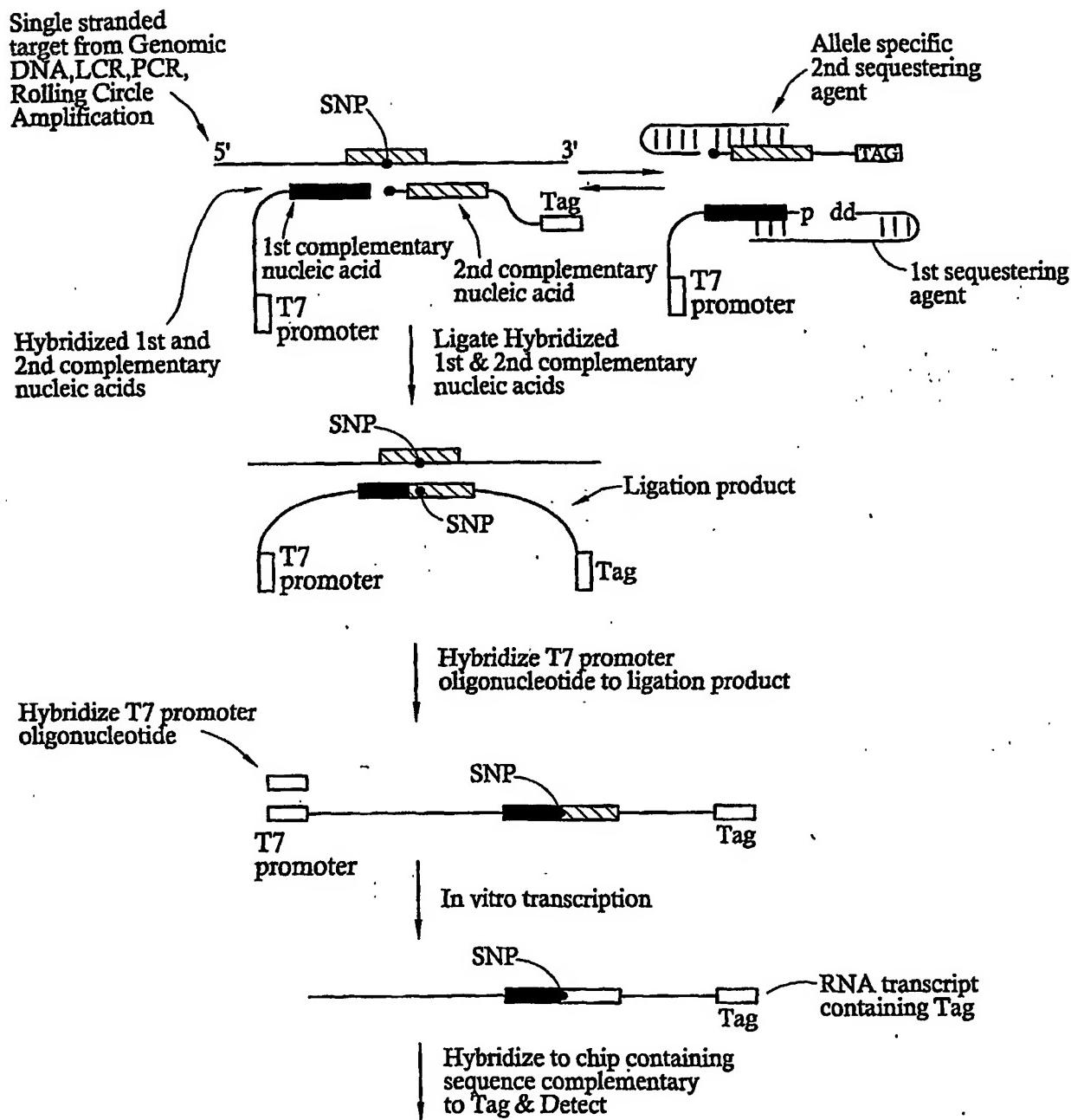


FIG. 2

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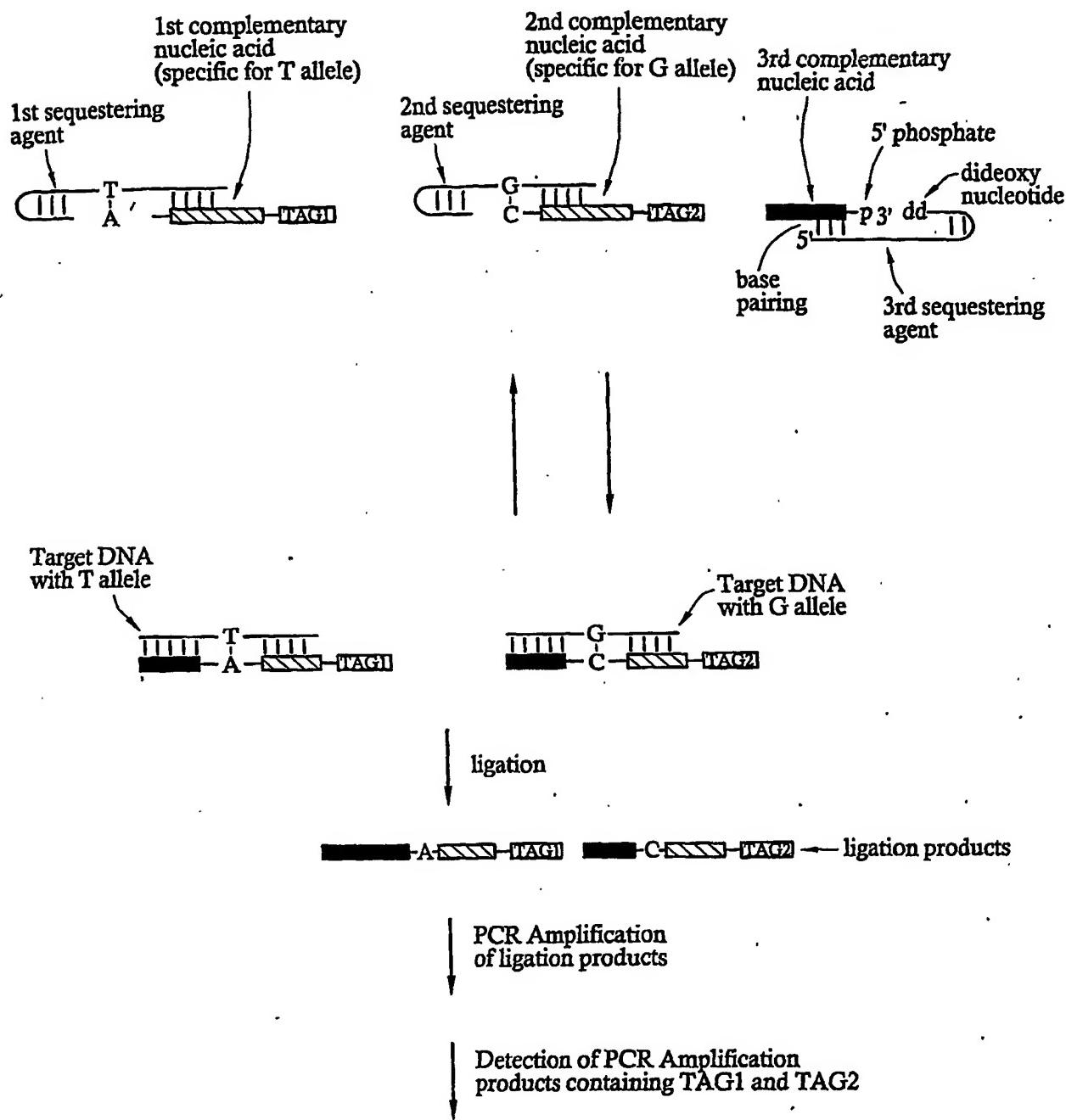


FIG. 3

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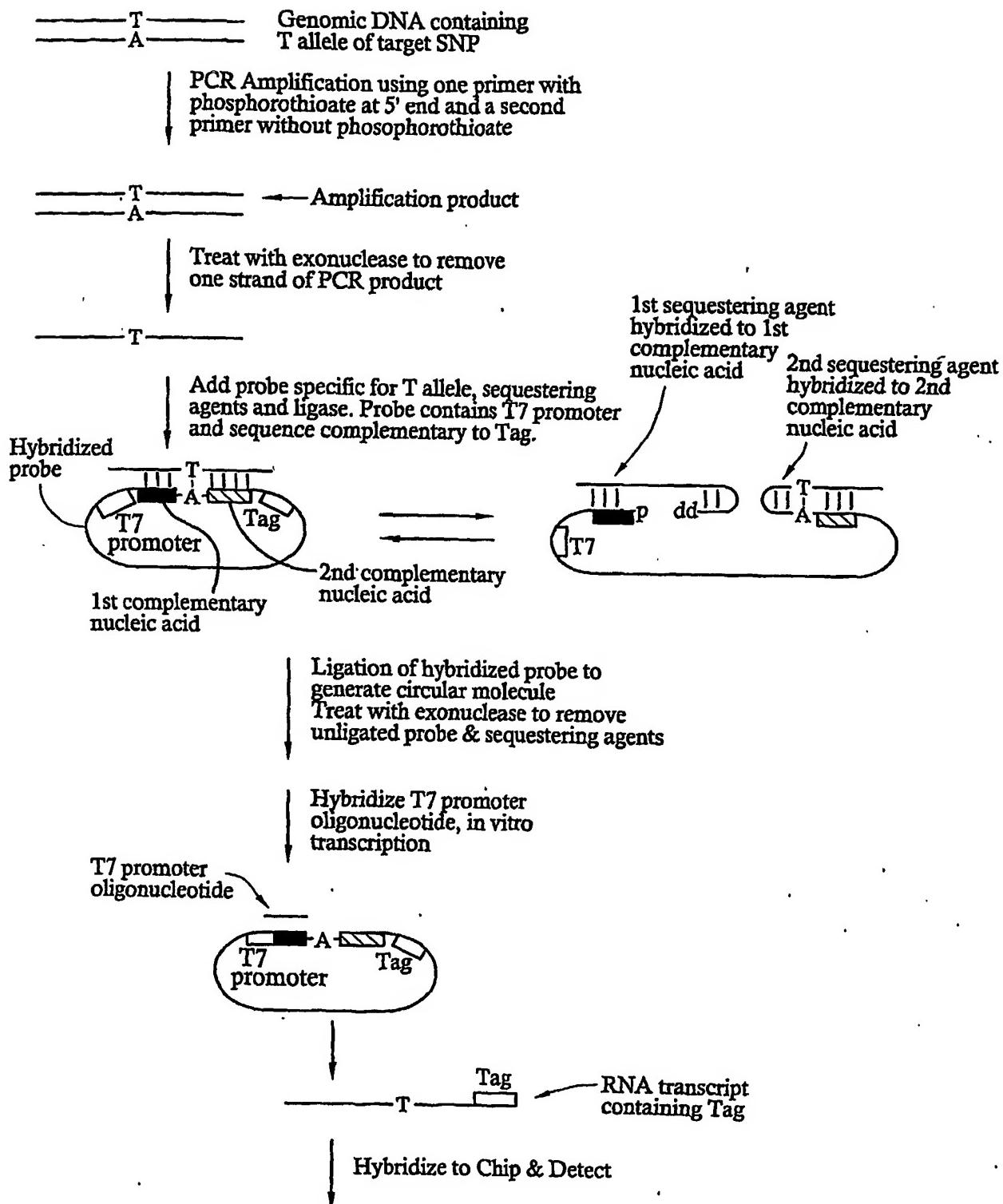


FIG. 4

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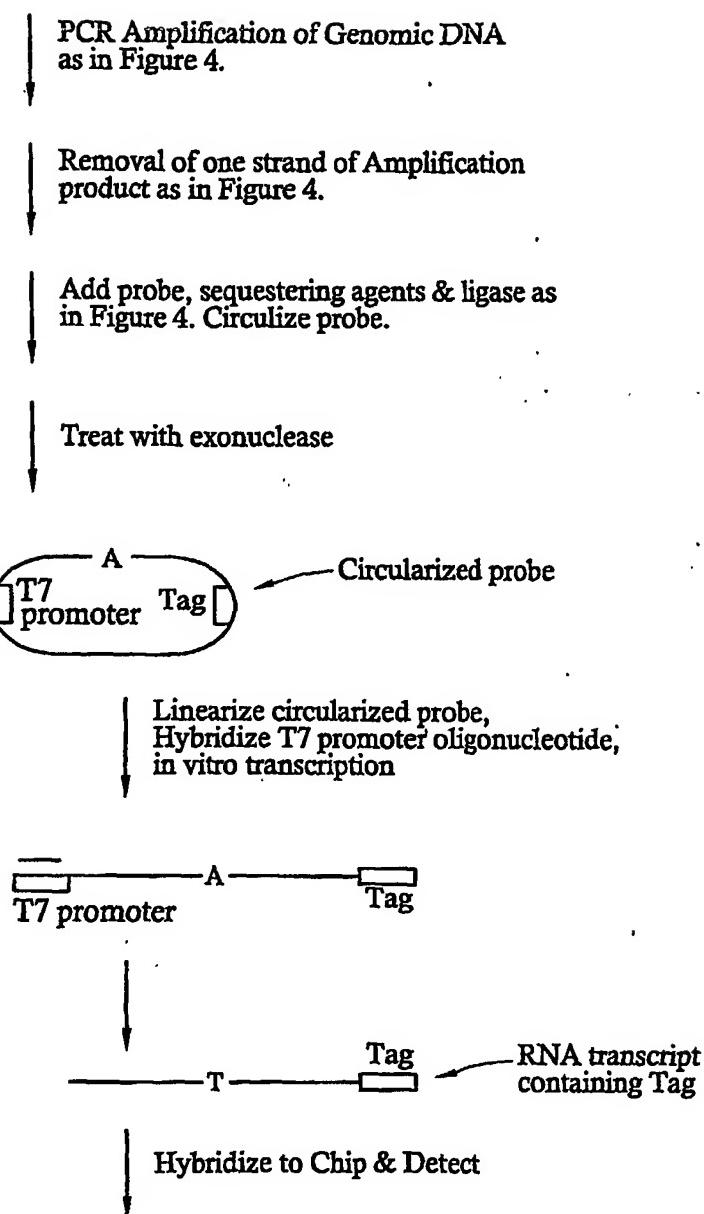


FIG. 5

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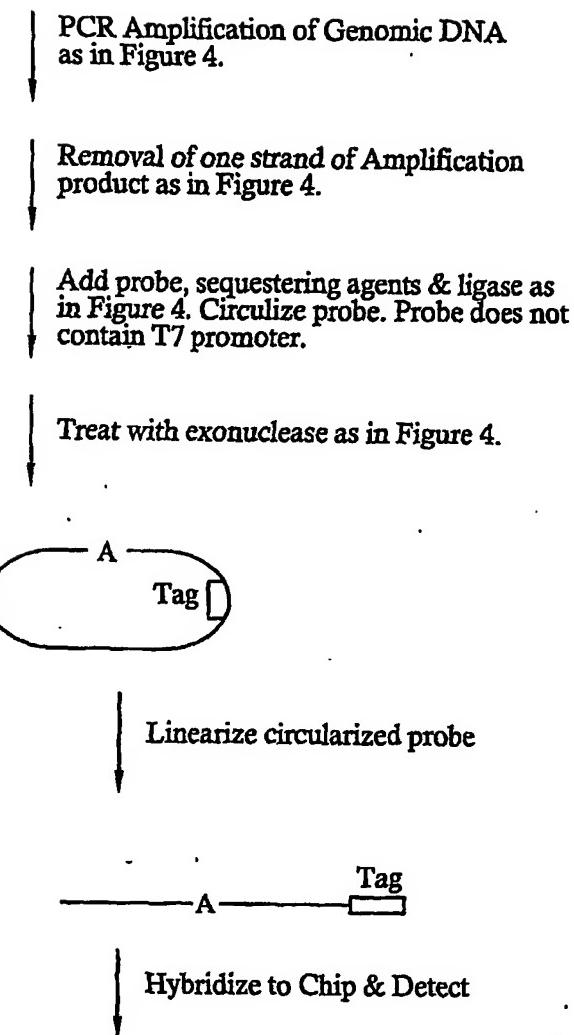


FIG. 6

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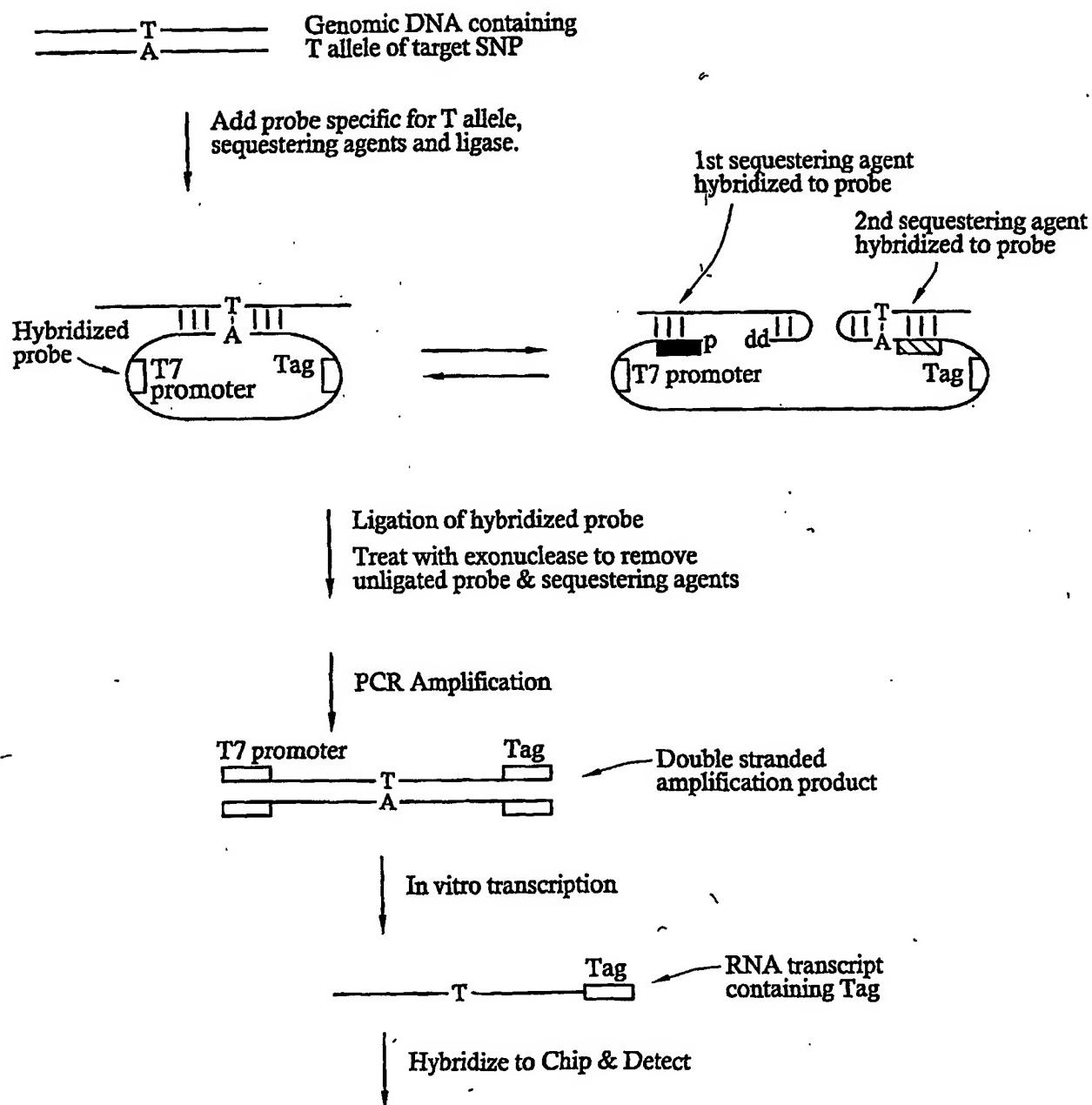


FIG. 7

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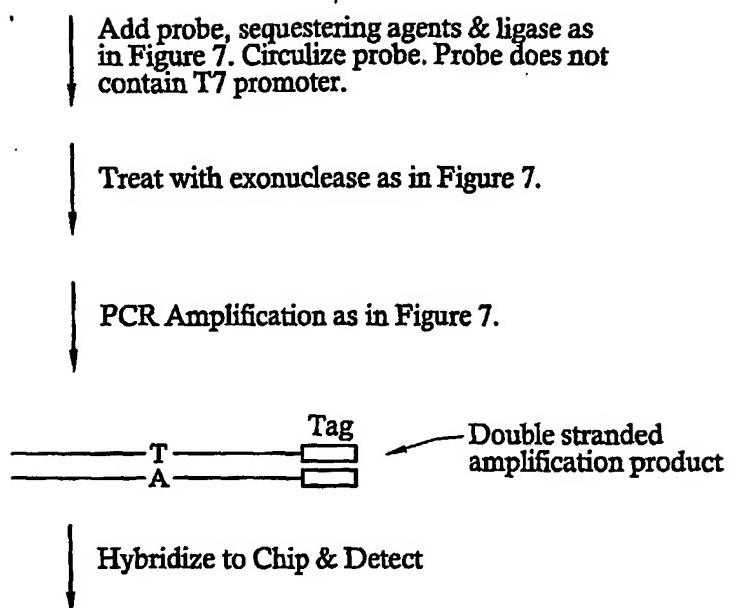


FIG. 8

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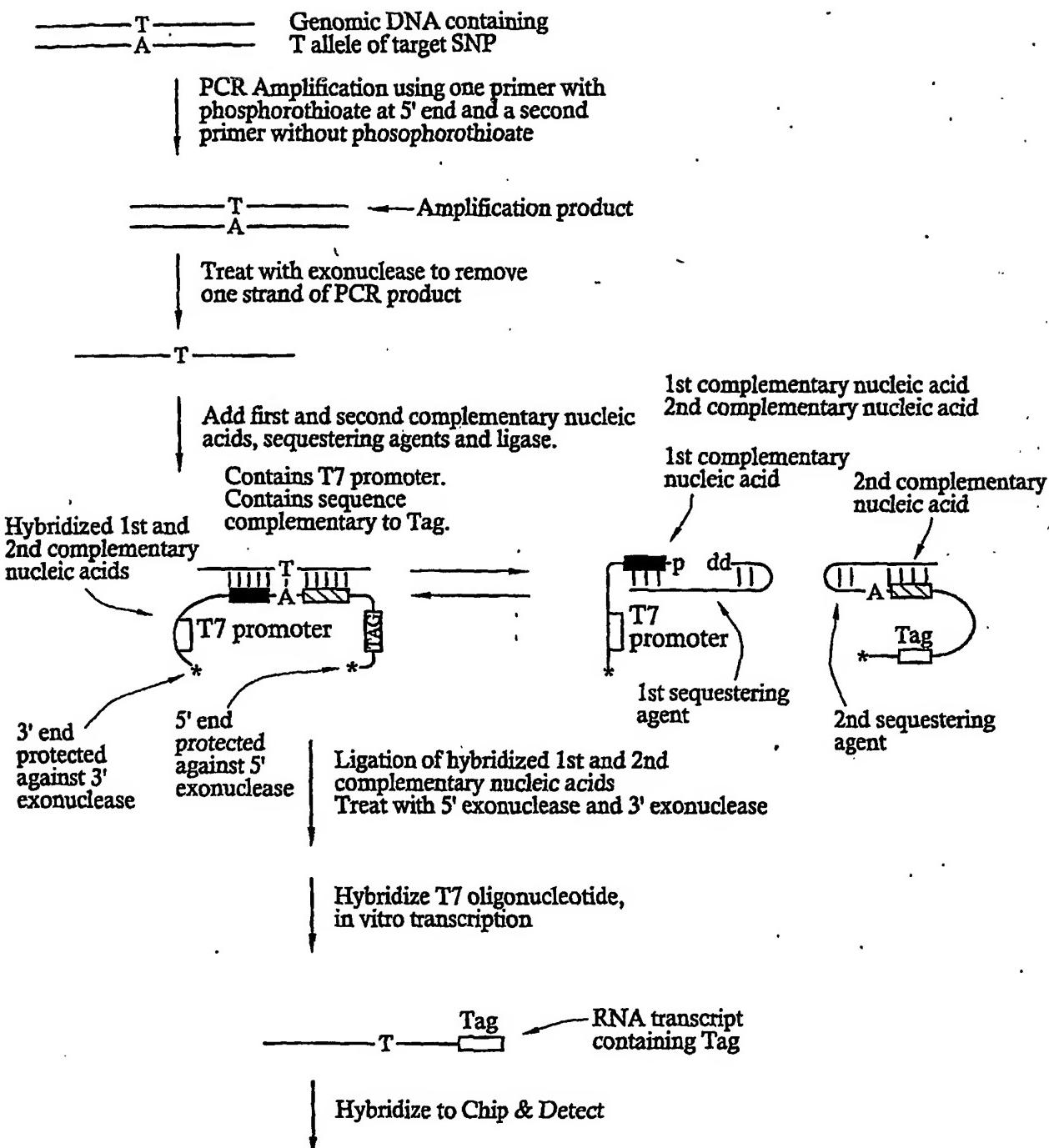


FIG. 9

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PCR Amplification using one primer with phosphorothioate at 5' end and a second primer without phosphorothioate as in Figure 9.

Treat with exonuclease to remove one strand of PCR product as in Figure 9.

Add first and second complementary nucleic acids, sequestering agents and ligase as in Figure 9. 1st complementary nucleic acid does not contain T7 promoter.

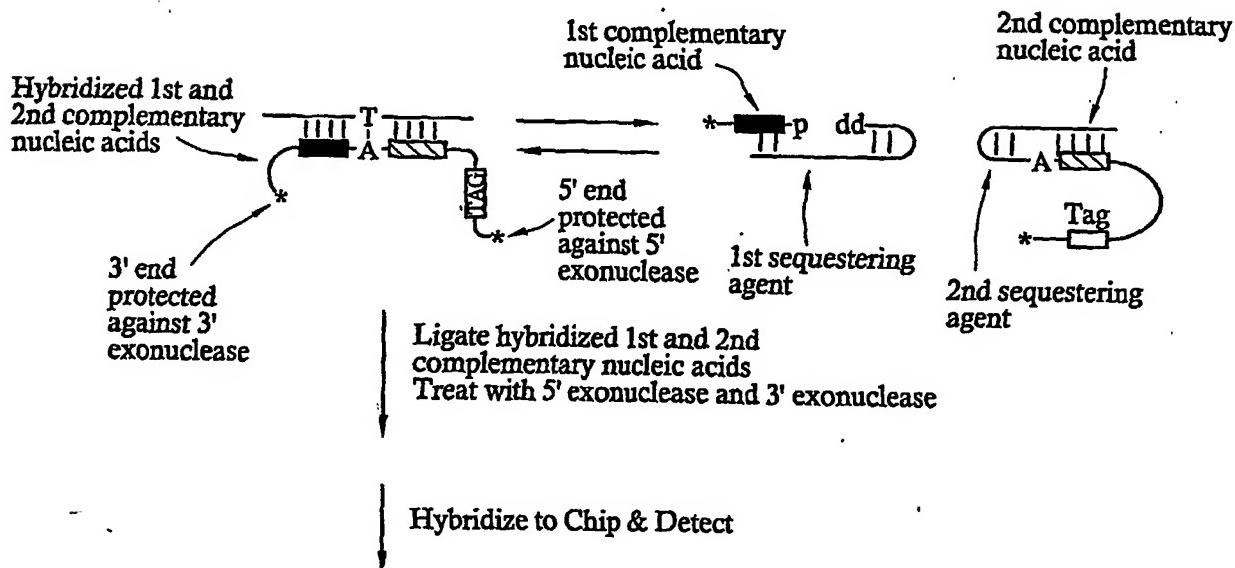


FIG. 10

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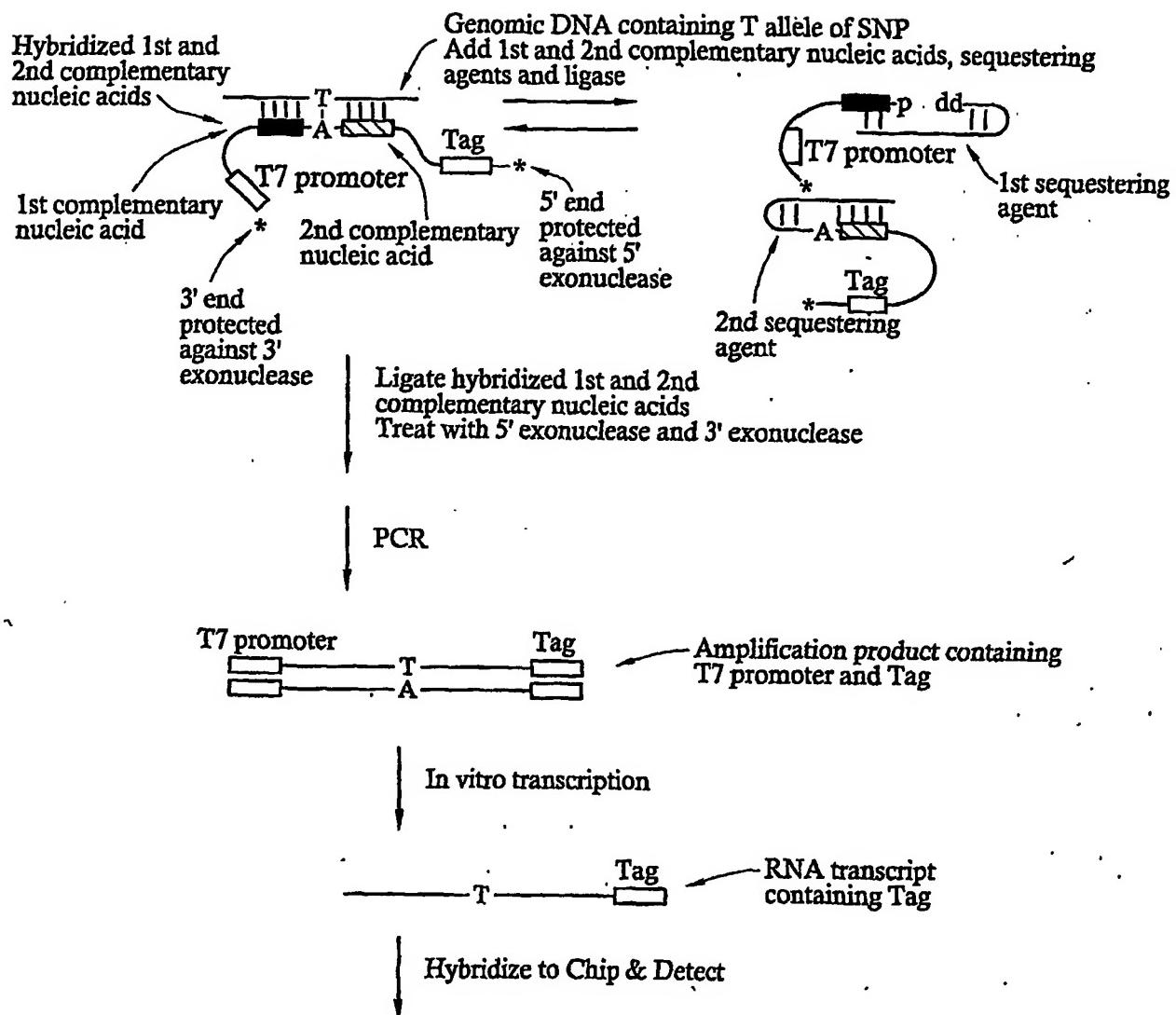


FIG. 11

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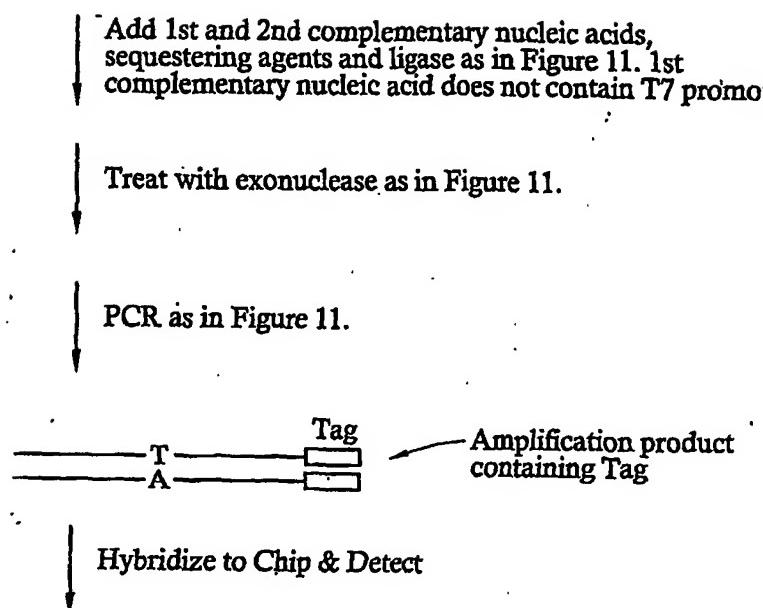


FIG. 12

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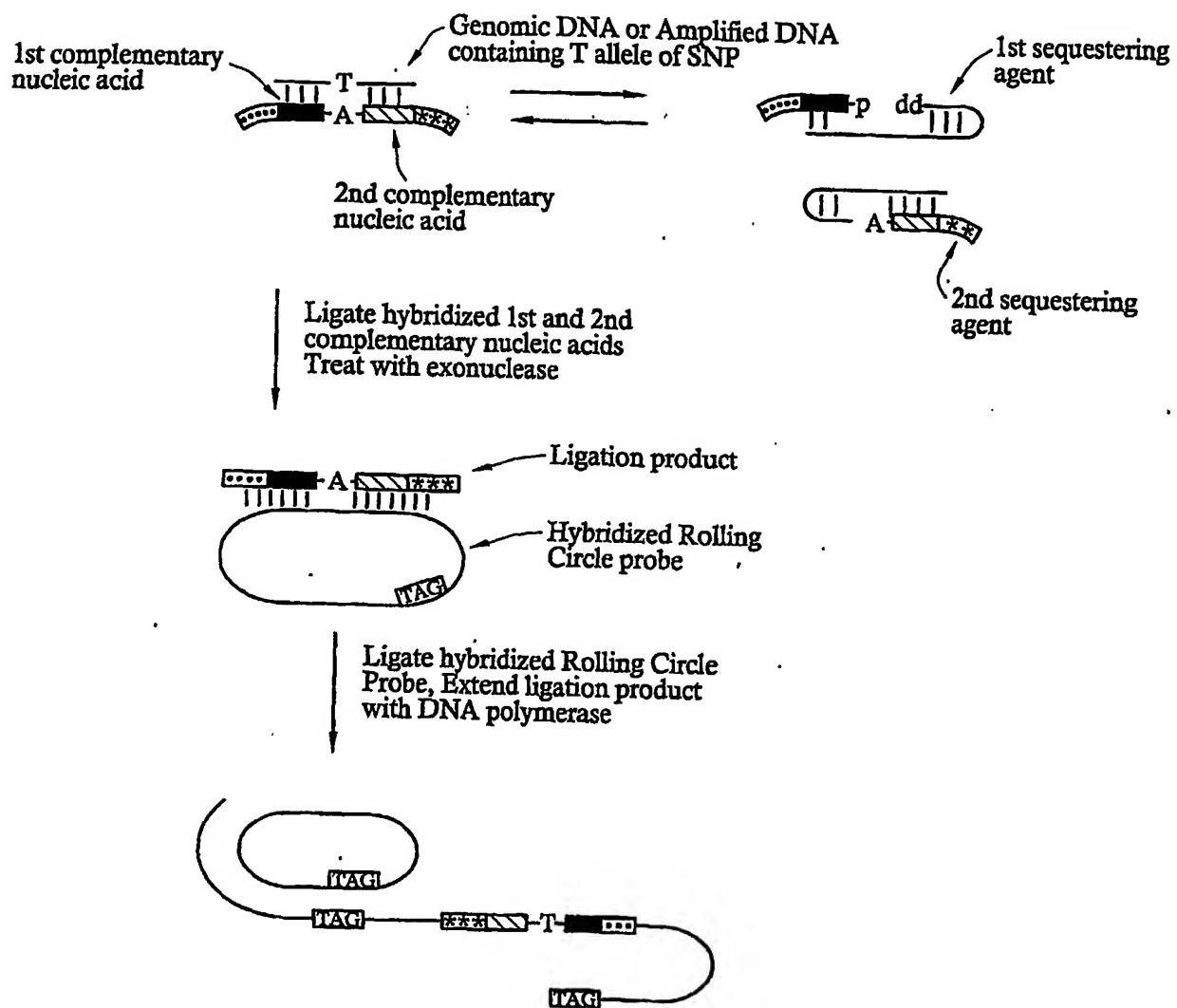


FIG. 13

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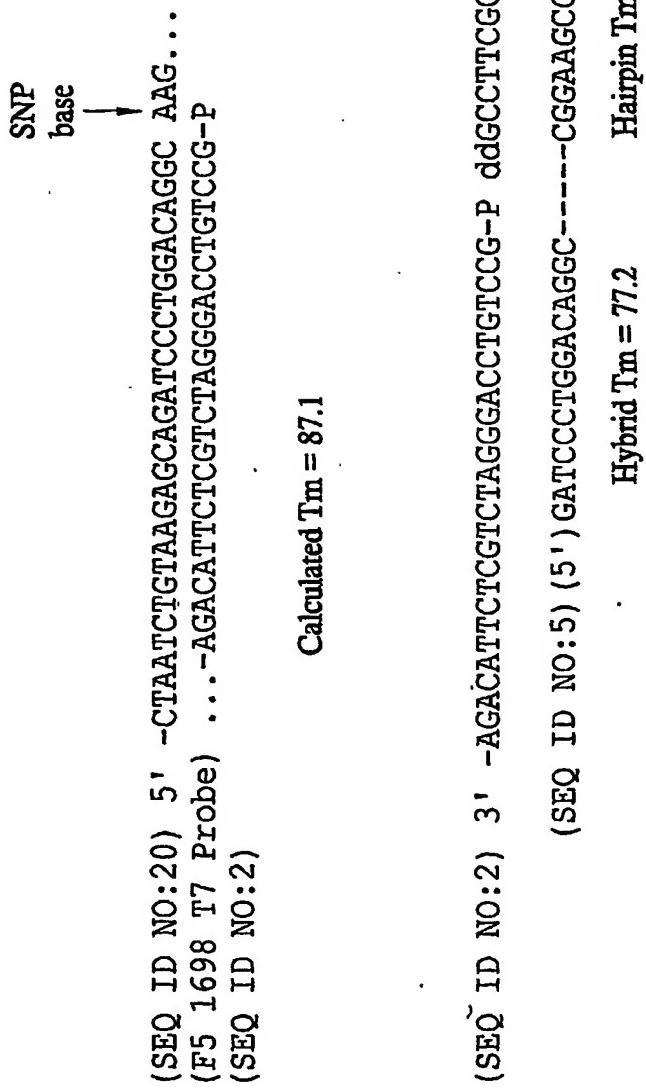


Illustration of a suppressor of non-specific ligation:
Sequestering agent for the 5'-side ligation probe
for Factor V

FIG. 14

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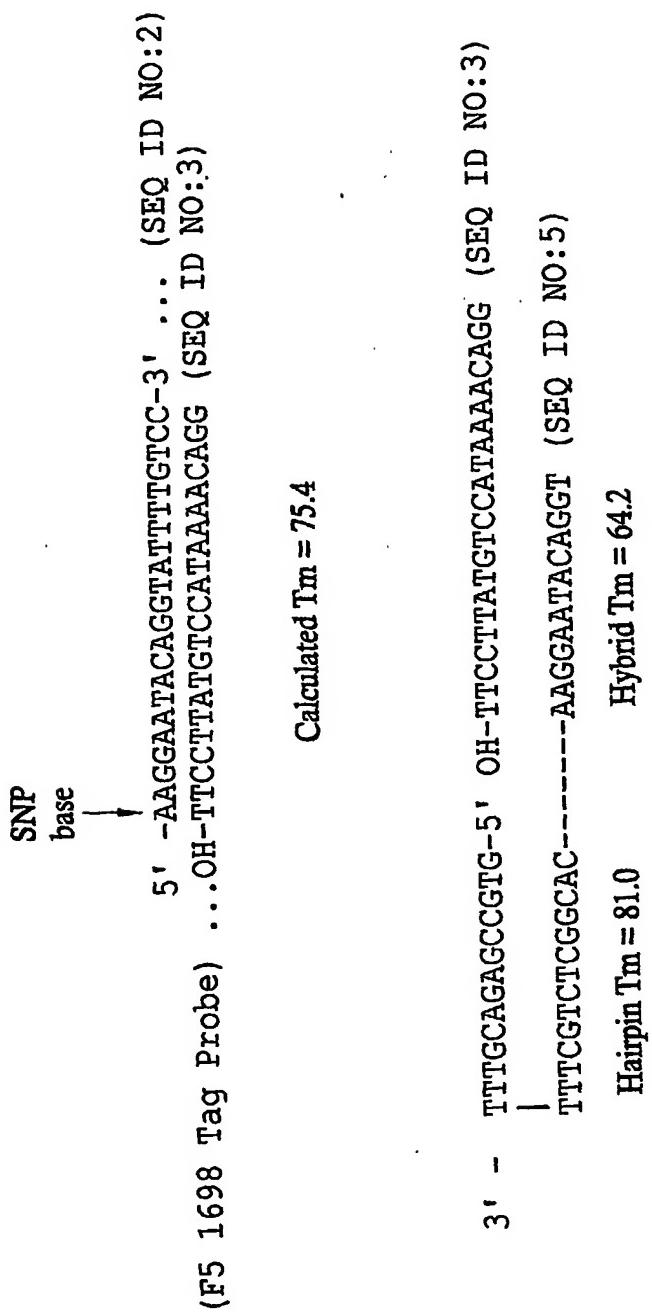


Illustration of a suppressor of non-specific ligation:
Sequestering agent for the 3'-side ligation probe
for Factor V

FIG. 15

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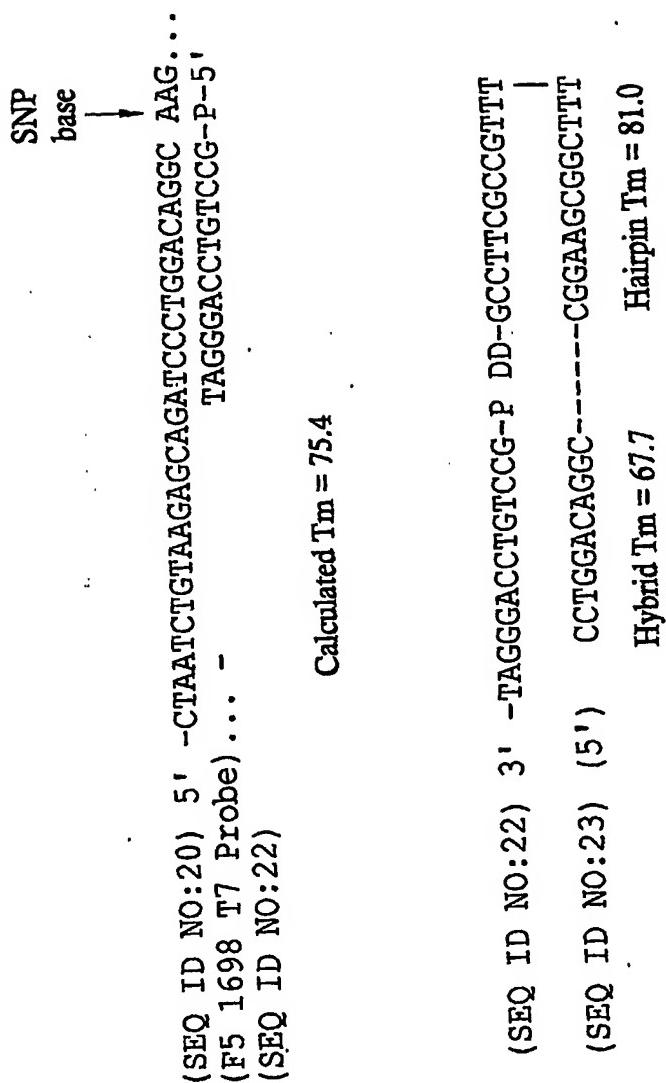


Illustration of a suppressor of non-specific ligation:
Sequestering agent for the 5'-side ligation probe
for Factor V

FIG. 16A

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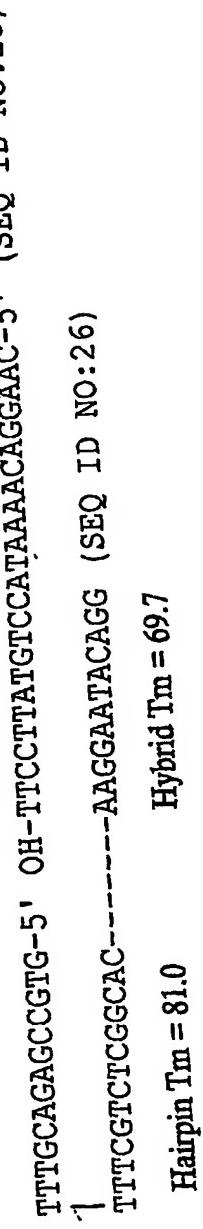
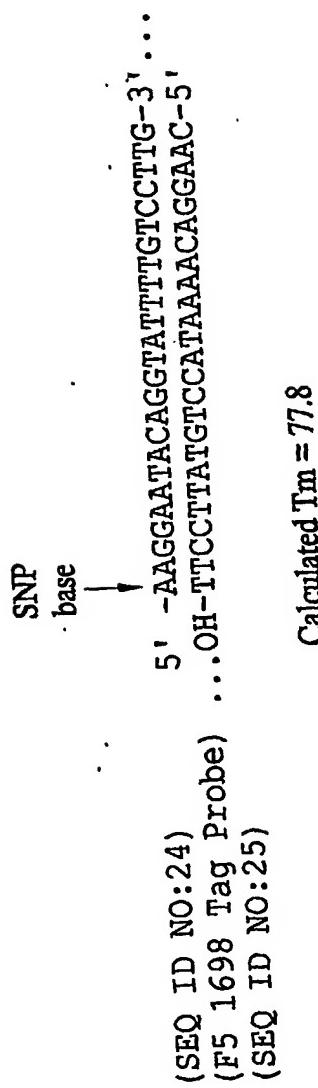


Illustration of a suppressor of non-specific ligation:
Sequestering agent for the 3'-side ligation probe
for Factor V

FIG. 16B